

RIVERSIDE MANEB 80

A FUNGICIDE USEFUL FOR THE CONTROL OF CERTAIN DISEASES OF CERTAIN FRUITS AND NUTS, CERTAIN FIELD CROPS AND TURF, AND CERTAIN VEGETABLES.

ACTIVE INGREDIENT	
Maneb (Manganese ethylene bisdithiocarbamate)	80%
(Metallic manganese equivalent—16.5%)	
INERT INGREDIENT	
TOTAL	100%

CAUTION: KEEP OUT OF REACH OF CHILDREN

May cause irritation of nose, throat, eyes and skin. Do not breathe dust or spray mist. In case of skin contact wash with water; for eyes wash copiously with water and get medical attention.

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty container. Destroy when empty.

IMPORTANT: Keep away from fire and sparks. Store in a cool, dry place. Do not allow to become wet or overheated during storage. This may bring on chemical changes which will impair the fungicidal effectiveness of RIVERSIDE MANEB 80 and may also generate flammable vapors. Keep container closed when not in use.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT: Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unlawful chemical residues, or produce other undesirable results.

GENERAL INFORMATION

RIVERSIDE MANEB 80 agricultural fungicide is designed as an aid in the control of various plant diseases. Use RIVERSIDE MANEB 80 in sprays at 1 to 3 lbs. per acre unless specific directions below specify other dosage levels. Apply in sufficient volume of water to provide good coverage with available equipment in either dilute sprays or in concentrate ground or aerial sprays. Further detailed suggestions on aerial application are available on request.

Put RIVERSIDE MANEB 80 into the spray tank as it is being filled with water, or it should be pre-mixed in a nurse tank for concentrate ground or aerial sprays.

RIVERSIDE MANEB 80 can be applied alone or with various other pesticides in recommended spray schedules. It should always be used in accordance with directions. Add insecticide ingredients to the spray tank last. For further details see recommendations on this label and then consult the current State Agricultural Experiment Station spray schedules or State Extension Service specialists for information on compatibility, dosage, timing and frequency of spray. Always observe any listed timing restrictions between last application and harvest to avoid the possibility of residues in excess of the tolerances established.

NOTE: RIVERSIDE MANEB 80 may be used without any sticker-spreader. When necessary to improve the spray coverage on foliage difficult to wet and to smooth out spray deposits on maturing fruit RIVERSIDE ACTIVATE is recommended. Other suitable pesticide sticker-spreaders may also be used.

DIRECTIONS FOR USE: FRUITS & NUTS

ALMONDS (California)—Brown rot (blossom blight), Coryneum blight (shot hole). Use 1 1/2 to 2 lbs. RIVERSIDE MANEB 80 per 100 gallons or 8 to 8 lbs. per acre in full coverage sprays. Apply at popcorn, full bloom and petal fall, or every 7 to 10 days if bloom is staggered and weather is rainy. Use 4 ounces of spreader-sticker per 100 gallons spray. Do not apply later than 5 weeks after petal fall. If applied after petal fall, do not feed nuts to dairy animals or animals being finished for slaughter.

APPLES—Apple scab, bitter rot, black rot, brown rot, bullberry rot, fire speck, cedar-apple rust, apple blotch and white rot. Use RIVERSIDE MANEB 80 at 1 to

2 pounds per 100 gallons of water in single strength sprays or up to 10 1/2 pounds per acre in concentrate sprays. For a protective schedule begin applications in the pre-pink sprays and repeat in subsequent pre bloom, bloom and cover sprays in accordance with local state spray schedules. Add 2 ounces RIVERSIDE ACTIVATE or other suitable pesticide spreader-stickers in last three sprays to provide smooth, even application and to reduce spotty unthriftly residue deposits.

Do not apply within 30 days of harvest on apples in New England, New York, Michigan, Far West and other states not specifically listed below.

Do not apply within 15 days of harvest in Arkansas, Delaware, Illinois, Indiana, Kansas, Kentucky, Maryland, Missouri, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia and West Virginia.

APRICOTS, NECTARINES, PEACHES (Western States)—Brown rot (blossom blight), Coryneum blight (shot hole), green or jacket rot, peach leaf curl. Begin at dormant to popcorn stage, repeat every 7 to 14 days through petal fall according to local timing recommendations and disease severity. For fruit brown rot use again at 4 to 6 weeks before harvest, repeating applications every 7 to 14 days. Use 1 1/2 to 2 lbs. RIVERSIDE MANEB 80 per 100 gallons of spray or 8 to 10 lbs. per acre in full coverage sprays. Add 3 to 4 ounces of spreader-sticker per 100 gallons spray. Do not apply to apricots and nectarines within 14 days of harvest. Do not apply to peaches within 2 days of harvest. If applied to peaches within 14 days of harvest remove residue by brushing.

BANANAS—Sigatoka. Use 2 to 4 lbs. RIVERSIDE MANEB 80 per acre in sufficient water to provide adequate coverage. Apply only in aerial applications. Begin when leaves first appear and repeat every two or three weeks or as required.

CRANBERRIES—Fruit rot. Use 3 to 6 lbs. RIVERSIDE MANEB 80 per acre in sufficient water for good coverage. Begin applications at mid-bloom and repeat at 10 to 14 day intervals. Do not apply within 30 days of harvest.

GRAPES—Black rot. Use 1 1/2 lbs. RIVERSIDE MANEB 80 per 100 gallons (maximum of 5 lbs. per acre) plus spreader-sticker. Apply just before and just after bloom and again in 10 days.

DIRECTIONS FOR USE: FIELD CROPS

CEREAL GRAINS—For planter-box applications. Mix thoroughly with seed in planter box. Treat and mix one-half of seed then treat and mix remaining seed. Do not use treated seed for food, feed or oil purposes.

PLANTER BOX DISEASES

CROP	RIVERSIDE MANEB 80 IN OUNCES	DISEASES
Barley	1.25/bu	covered and false loose smuts, damping-off, seed rots, seedling blights
Corn	1.70/bu	damping-off, seed rots, seedling blights
Oats	1.25/bu	damping-off, seed rots, seedling blights, smuts
Rye	1.25/bu	bunt, damping-off, seed rots, seedling blights
Wheat	1.25/bu	bunt, damping-off, seed rots, seedling blights

GRASSES FOR SEED—Leaf, stem and stripe rusts. Use 2 to 3 lbs. RIVERSIDE MANEB 80 per acre in 50 to 100 gallons of water. Begin applications when first rust pustules are noted and repeat every 7 to 10 days until harvest or as long as rust threatens. Do not feed treated grass to livestock.

SUGAR BEETS—Cercospora leaf spot. Use 1 1/2 to 2 lbs. per acre in 75 to 125 gallons of water. Add spreader-sticker. Start applications when disease first threatens (usually early July) and repeat at 7 to 10 day intervals as needed. Do not apply within 14 days of harvest.

Do not feed treated tops to livestock.

TOBACCO—Anthracnose and blue mold. Use 1/2 lb. RIVERSIDE MANEB 80 per 100 gallons water, or 1 heaping teaspoon per 4 gallons water. Spray plant buds when plants are the size of a dime or when blue mold is first reported in the area, applying 2 1/2 to 5 gallons per 100 square yards depending on size of plants. Repeat twice weekly or oftener if sprays are washed with rain. Continue treatment until transplanting is complete.

DIRECTIONS FOR USE: ORNAMENTALS AND TURF

CHRYSANTHEMUM—Ascochyta ray blight, Botrytis petal spot, Septoria leaf spot. Use 1/2 lb. RIVERSIDE MANEB 80 plus 1/2 lb. captan per 100 gallons. Apply twice weekly during the blooming season for petal spot and ray blight. For Septoria leaf spot apply weekly throughout the season.

FLOWERING DOGWOOD—Anthracnose. Apply when buds begin to open and again when bracts have fallen, and 4 weeks later and again in late summer after flower buds for next season are formed.

PEONY—Botrytis blight and Phytophthora blight. Apply in early spring and early fall, drenching soil surrounding plants as well as foliage. Destroy all infected parts promptly.

CARNATION—Leaf spot, DAHLIA—Botrytis, GLADIOLUS—Botrytis, Curvularia, Stemphylium, LILY—Botrytis, PANSY—Anthracnose, ROSE—Black spot, SNIPDRAGON—Rust, ZINNIA—Leaf blight.

Use 1 to 1 1/2 lbs. per 100 gallons or 1 1/2 level tablespoons per gallon in full coverage spray. Begin spraying when plants are well leaved-out and apply at weekly intervals throughout the season. (See General Instructions.)

TUFF GRASSES—Leaf, stem and stripe rusts. Use 2 tablespoons RIVERSIDE MANEB 80 per gallon or 3 lbs. per 100 gallons. Apply 2 gallons per 1000 sq. ft. or 100 gallons per acre when first pustules are first seen and repeat every 7 to 14 days as long as rust threatens.

SCIOTOTINA (dollar spot). Use RIVERSIDE MANEB 80 at 6 to 8 oz. per 1,000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 7 to 14 days until disease threat is past.

MELTING OUT—Use RIVERSIDE MANEB 80 at 3 to 4 oz. per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 7 to 14 days until disease threat is past.

RHIZOCTONIA (brown patch). Use RIVERSIDE MANEB 80 at 3 oz. per 1000 sq. ft. in sufficient water to provide adequate coverage. Start applications at first signs of disease and repeat every 5 to 10 days until disease threat is past.

Do not graze treated areas. Do not feed clippings to livestock.

DIRECTIONS FOR USE: VEGETABLES

BEANS—Downy mildew, rust. Apply when diseases first appear and repeat at weekly intervals. Do not apply to string beans within 4 days of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KOHLRABI—Alternaria leaf spot, downy mildew. Use 1 to 3 lbs. RIVERSIDE MANEB 80 per acre in up to 150 gallons of water (except on cabbage, 2 1/2 lbs. maximum). Begin applications as soon as disease threatens and repeat at 7 to 10 day intervals in the field. Use at 3 day intervals in plant beds. Do not apply within 7 days of harvest.

CANTALOUPE, CUCUMBERS, MELONS, SQUASH, WATERMELONS—Anthracnose, downy mildew, gummy stem blight. Start applications when runners begin to form or at the first sign of disease. Repeat at weekly intervals. Direct spray to underside of leaves. Some varieties of melons may be sensitive to RIVERSIDE MANEB 80. Check this before use on any questionable varieties. Do not apply within 5 days of harvest.

CARROTS—Cercospora leaf spot, leaf blight. Begin applications when diseases are reported in the area and continue at 7 to 10 day intervals during the growing season, or as required for adequate control. Do not apply within 5 days of harvest.

CELERY—Early and late blight. Begin spraying in the plant bed when plants first come through the ground. Make further applications at 3 to 5 day intervals

until plants are set in the field. Continue field applications on regular weekly schedule. Remove residue by stripping, trimming and washing. Do not apply within 14 days of harvest.

COLLARDS, KALE, MUSTARD GREENS, TURNIPS—Alternaria leaf spot and downy mildew. Start applications when disease first appears in area and repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove excess residue by washing.

PUMPKINS—Angular leaf spot and downy mildew. Use 3 lbs. RIVERSIDE MANEB 80 per acre in sufficient water to wet plants thoroughly. Start applications when disease threatens and repeat at 7 to 10 day intervals as needed. Do not apply within 5 days of harvest.

CORN (sweet) Florida—Helminthosporium leaf blights. Use 2 to 2 1/2 lbs. RIVERSIDE MANEB 80 per acre in sufficient water for adequate coverage. Begin applications when disease first threatens, repeat at 4 to 7 day intervals until harvest. Do not feed treated forage to livestock.

EGGPLANT, PEPPERS—Anthracnose, fruit rot. Apply as fruit begin to form and at weekly intervals through harvest.

ENDIVE, LETTUCE—Downy mildew. Apply at first signs of disease and repeat at 7 to 10 day intervals as required. Remove residue by trimming and washing. Do not use within 10 days of harvest.

ONIONS—Botrytis leaf blight, downy mildew, purple blotch. Apply when diseases are reported in the area and continue at 7 to 10 day intervals during the season.

POTATOES—Early and late blight. Apply every 7 to 10 days throughout the season. Begin applications early applying 1 lb. RIVERSIDE MANEB 80 per acre. Use 1 1/2 to 2 lbs. per acre as vines increase in size.

SPINACH—Downy mildew (blue mold), white rust. Apply at first signs of disease and repeat at 7 to 10 day intervals or as required for adequate control. Do not spray within 10 days of harvest. Remove excess residues by washing.

TOMATOES—Anthracnose, early and late blight, Septoria leaf spot, Stemphylium (gray leaf spot), and Gladosporium gray mold on tomatoes in field, greenhouse or plant beds. Begin spraying when diseases are first reported in area and repeat at 7 to 10 day intervals or oftener during severe late blight conditions. Use 3 lbs. RIVERSIDE MANEB 80 per acre in severe anthracnose area. To avoid damage do not use on tender young plants under glass. Do not apply within 5 days of harvest.

CONTAINER DISPOSAL

Do not reuse empty container. Wash thoroughly with water and detergent, crush if possible, and discard in a safe place.

NOTICE

Riverside Chemical Company warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to the instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Riverside Chemical Company, and buyer assumes the risk of any such use.

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NET CONTENTS 50 POUNDS



MANUFACTURED FOR
RIVERSIDE CHEMICAL CO.
DIVISION OF COOK INDUSTRIES, INC., MEMPHIS, TENN. 38116
Riverside serves agriculture. Agriculture serves everyone.

ACCEPTED
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FOR CONTROL OF PESTS REGISTERED
ON FEBRUARY 1, 1973